CLAIMS

1. A method of preventing thrombosis formation on a liquid-containing surface of a liquid delivery system, the liquid delivery system being connected to a patient for delivery of a liquid to said patient, the method comprising a regimen selected from the group consisting of:

A) contacting said surface with a thrombosis-preventing liquid containing taurolidine, taurultam or a mixture thereof, said thrombosis-preventing liquid further containing an anticoagulant agent; and

B) first contacting said surface with a solution containing a thrombosis-preventing amount of an anticoagulant agent, and thereafter contacting said surface with a solution containing taurolidine, taurultam or a mixture thereof.

2. The method of claim 1 wherein the solution or liquid containing taurolidine, taurultam or mixture thereof is contacted with said surface for at least about 1 hour.

3. The method of claim 2 wherein said solution or liquid containing taurolidine, taurultam or mixture thereof is sealed in said delivery system for a period of at least 12 hours.

4. The method of claim 3 wherein said solution or liquid containing taurolidine, taurultam or mixture thereof which is sealed in said delivery system, is replaced at least about daily.

5. The method of claim 1 wherein, when first contacting said surface with the anticoagulant solution, said surface is flushed with said anticoagulant-containing solution.

6. The method of claim 5 wherein the solution containing taurolidine, taurultam or a mixture thereof is contacted with said surface for at least about 1 hour.

7. The method of claim 6 wherein said solution containing taurolidine, taurultam or a mixture thereof is sealed in said delivery system for a period of at least about 12 hours.

8. The method of claim 7 wherein the solution containing taurolidine, taurultam or a mixture thereof which is sealed in said delivery system is replaced at least about daily.

9. The method of claim 1 wherein the anticoagulant-containing solution is contacted with said surface by injecting the anticoagulant-containing solution into said liquid delivery system and then removing said anticoagulant-containing solution from said liquid delivery system.

10. The method of claim 9 wherein the solution containing taurolidine, taurultam or a mixture thereof is contacted with said surface for at least about 1 hour.

11. The method of claim 10 wherein the solution containing taurolidine, taurultam or a mixture thereof is sealed in said delivery system for a period of at least about 12 hours.

12. The method of claim 11 wherein the solution containing taurolidine, taurultam or a mixture thereof which is sealed in said delivery system, is replaced at least about daily.

13. The method of claim 1 wherein said solution or liquid containing taurolidine, taurultam or a mixture thereof contains from about 0.5 to about 3% by weight of taurolidine, or from about 1 to about 7.5% by weight of taurultam.

14. The method of claim 1 wherein said anticoagulant agent is selected from the group consisting of sodium citrate, aprotinin, hirudin, desirudin, danaparoid, danaparoid-sodium, heparin, pentosan, pentosanpolysulfate-sodium, ticlopidine, clopidogrel, and mixtures thereof.

15. The method of claim 14 wherein said anticoagulant is present in an amount within a range of from about 0.1-10mg.

16. A composition for use in the method of claim 1, comprising a pharmaceutically-acceptable liquid containing taurolidine, taurultam or a mixture thereof and further including an anticoagulant agent.

17. The composition of claim 16 wherein said anticoagulant agent is selected from the group consisting of aprotinin, hirudin, desirudin, danaparoid, danaparoid-sodium, pentosan, pentosanpolysulfate-sodium, ticlopidine, clopidogrel, and mixtures thereof.

18. The composition of claim 16 wherein said anticoagulant agent is heparin.

19. The composition of claim 16 wherein said anticoagulant is sodium citrate.

20. The composition of claim 16 wherein said taurolidine is present in an amount of from about 0.5 to about 3% by weight or said taurultam is present in an amount of from about 1 to about 7.5% by weight, and said anticoagulant agent is present in an amount within a range of from about 0.01 to about 5% by weight.

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